



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Richard A. Gunderson et al.

Examiner:

Tai Nguyen

Serial No.:

10/622,839

Group Art Unit:

2632

Filed:

July 18, 2003

Docket:

737.004US2

Title:

SYSTEM AND METHOD OF PROVIDING SCALABLE SENSOR SYSTEMS

BASED ON STAND ALONE SENSOR MODULES

INFORMATION DISCLOSURE STATEMENT

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), copies of the listed documents are not provided as these documents, with the exception of the documents listed below, were previously cited by or submitted to the U.S. Patent Office in connection with Applicants' prior U.S. application, Serial No. 09/505418, filed on February 16, 2000, which is relied upon for an earlier filing date under 35 U.S.C. §120.

Filing Date: July 18, 2003

Title: SYSTEM AND METHOD OF PROVIDING SCALABLE SENSOR SYSTEMS BASED ON STAND ALONE SENSOR MODULES

The following documents listed on the attached Form 1449 were not previously cited in the parent case:

US 2005/0073433 A1	Gunderson et al.
US 5,528,217	Adams
US 5,825,286	Coulthard
US 5,905,433	Wortham
US 6,111,683	Cammenga et al.
US 6,225,918	Kam
US 6,268,803	Gunderson et al.
US 6,339,369	Paranjpe
US 6,421,081	Markus
US 6,894,608	Gunderson

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Title: SYSTEM AND METHOD OF PROVIDING SCALABLE SENSOR SYSTEMS BASED ON STAND ALONE SENSOR MODULES

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

RICHARD A. GUNDERSON ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

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P.O. Box 2938

Minneapolis, MN 55402

(612) 373-6911

Date May 4, 2005

David W. Black

Reg. No. 42,331

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this day of May, 2005.

CANDIS BUENDING

Name

Signature

Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 10/622,839 **Application Number** STATEMENT BY APPLICANT July 18, 2003 Filing Date **First Named Inventor** Gunderson, Richard 2632 **Group Art Unit** MAY 0 6 2005 Nguyen, Tai **Examiner Name** Attorney Docket No: 737.004US2 Sheet 1 of 3

	US PATENT DOCUMENTS			
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2005/0073433A1	04/07/2005	Gunderson, R A., et al.	03/04/2004
	US-3,707,708	12/26/1972	Dan, C.	12/16/1970
	US-3,797,309	03/19/1974	Joy, R. D., et al.	07/31/1972
	US-3,891,966	06/24/1975	Sztankay, Zoltan G.	08/08/1974
	US-3,978,481	08/31/1976	Angwin, J. H., et al.	06/17/1974
	US-4,056,761	11/01/1977	Jacoby, B. F., et al.	09/11/1975
	US-4,072,945	02/07/1978	Katsumata, M., et al.	12/02/1976
-	US-4,104,632	08/01/1978	Fujiki, N., et al.	11/09/1976
	US-4,125,826	11/14/1978	Rasmussen, F. M., et al.	01/05/1977
	US-4,146,891	03/27/1979	Fujiki, N., et al.	07/13/1977
	US-4,148,028	04/03/1979	Fujiki, N.	08/02/1977
	US-4,158,841	06/19/1979	Wuchner, E., et al.	05/16/1977
	US-4,162,488	07/24/1979	Silverman, H. M., et al.	03/11/1977
	US-4,204,096	05/20/1980	Barcus, L. M., et al.	08/04/1978
	US-4,308,536	12/29/1981	Sims Jr., J. C., et al.	02/26/1979
	US-4,379,497	04/12/1983	Hainsworth, Thomas E., et al.	09/02/1980
	US-4,489,321	12/18/1984	Hoffa, R. J., et al.	05/05/1983
	US-4,528,563	07/09/1985	Takeuchi, M.	10/24/1983
	US-4,537,271	08/27/1985	Ito, K., et al.	05/26/1983
	US-4,546,840	10/15/1985	Yukishige, Y., et al.	05/12/1983 .
	US-4,580,251	04/01/1986	Koukovinis, C. M.	11/09/1983
	US-4,612,530	09/16/1986	Kurth, H.	04/12/1985
	US-4,679,175	07/07/1987	Eder, K. C., et al.	12/13/1984
	US-4,681,431	07/21/1987	Sims, J. C., et al.	02/27/1985
	US-4,692,764	09/08/1987	Bonar, G. D.	06/20/1986
	US-4,737,788	04/12/1988	Kennedy, P. D.	04/04/1985
	US-4,759,063	07/19/1988	Chaum, D. L.	08/22/1983
	US-4,759,064	07/19/1988	Chaum, David L.	10/07/1985
	US-4,815,046	03/21/1989	Dorr, J. A.	04/29/1985
	US-4,823,042	04/18/1989	Coffey, K. W., et al.	04/05/1988
	US-4,920,520	04/24/1990	Gobel, E., et al.	09/07/1988
	US-4,943,796	07/24/1990	Lee, Y. C.	06/09/1989
	US-4,953,141	08/28/1990	Novak, J. S., et al.	08/28/1987
	US-5,029,290	07/02/1991	Parsons, D. F., et al.	02/02/1990
	US-5,059,946	10/22/1991	Hollowbush, R. R.	05/10/1989
	US-5,091,726	02/25/1992	Shyu, Jia-Ming	08/23/1990
-	US-5,153,559	10/06/1992	Atsumi, H.	06/11/1991
	US-5,181,011	01/19/1993	Okano, M.	08/31/1991
	US-5,212,467	05/18/1993	Park, B., et al.	03/27/1997

EXAMINER DATE CONSIDERED

PTO/SB/08A(10-01)
Approved for use through 10/31/2002, OAAB 651-0031
US Patent & Tredemark Office; U.S. DEPARTMENT OF COMMERCE
ction of information unless it contains a valid OMB control number.

er the Paperwork Reduction Act of 1995, no persons are required to respond to a colle Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE 10/622,839 **Application Number** STATEMENT BY APPLICANT July 18, 2003 **Filing Date** (Use as many sheets as necessary) Gunderson, Richard **First Named Inventor** 2632 **Group Art Unit** Nguyen, Tai **Examiner Name** Attorney Docket No: 737.004US2 Sheet 2 of 3

US-5,229,975	07/20/1993	Truesdell, Dave, et al.	06/03/1992
US-5,235,316	08/10/1993	Qualizza, G. K.	12/20/1991
US-5,249,163	09/28/1993	Erickson, J. W.	06/08/1992
US-5,251,188	10/05/1993	Parsons, N. E., et al.	04/13/1992
US-5,286,099	02/15/1994	Fujita, Y., et al.	06/05/1992
US-5,373,482	12/13/1994	Gauthier, D. R.	02/03/1993
US-5,389,912	02/14/1995	Arvin, P. P.	02/10/1993
US-5,418,359	05/23/1995	Juds, S., et al.	11/30/1993
US-5,424,747	06/13/1995	Chazelas, J., et al.	12/16/1993
US-5,455,557	10/03/1995	Noll, M., et al.	01/28/1994
US-5,465,079	11/07/1995	Bouchard, Paul J., et al.	08/13/1993
US-5,471,215	11/28/1995	Fukuhara, H.	06/06/1994
US-5,483,501	01/09/1996	Park, K. T., et al.	04/29/1994
US-5,485,892	01/23/1996	Fujita, K.	05/10/1995
US-5,517,197	05/14/1996	Algeo, J. A., et al.	10/24/1994
US-5,528,217	06/18/1996	Adams, C.	04/17/1995
US-5,541,891	07/30/1996	Waldmann, B., et al.	03/23/1995
US-5,572,428	11/05/1996	Ishida, S. , et al.	09/28/1994
US-5,574,426	11/12/1996	Shisgal, B. Z., et al.	06/30/1995
US-5,581,464	12/03/1996	Woll, J. D., et al.	10/11/1994
US-5,583,479	12/10/1996	Hettich, G., et al.	09/24/1993
US-5,587,938	12/24/1996	Hoetzel, J.	01/29/1996
US-5,635,922	06/03/1997	Cho, Jung S., et al.	12/27/1994
US-5,668,739	09/16/1997	League, R B., et al.	06/04/1996
US-5,670,935	09/23/1997	Schofield, K., et al.	05/22/1995
US-5,684,474	11/04/1997	Gilon, Shmuel, et al.	03/13/1996
US-5,712,640	01/27/1998	Andou, H., et al.	11/27/1995
US-5,714,928	02/03/1998	Sudo, T. , et al.	04/19/1996
US-5,714,947	02/03/1998	Richardson, David L., et al.	01/28/1997
US-5,734,336	03/31/1998	Smithline, Stuart B.	05/01/1995
US-5,749,984	05/12/1998	Frey, N. W., et al.	12/29/1995
US-5,767,793	06/16/1998	Agravante, Hiroshi H., et al.	04/21/1995
US-5,825,286	10/20/1998	Coulthard, J. J.	08/05/1996
US-5,905,433	05/18/1999	Wortham, L. C.	11/25/1996
US-5,917,666	06/29/1999	Kimble, G. E.	04/21/1997
US-5,929,786	07/27/1999	Schofield, K., et al.	07/20/1998
US-6,111,683	08/29/2000	Cammenga, D. J., et al.	10/20/1998
US-6,154,149	11/28/2000	Tyckowski, J., et al.	09/07/1999
US-6,184,781	02/06/2001	Ramakesavan, S.	02/02/1999
US-6,198,409	03/06/2001	Schofield, K. , et al.	05/03/1999
US-6,225,918	05/01/2001	Kam, B.	02/19/1999
US-6,250,783	06/26/2001	Stidham, M., et al.	07/12/1999
US-6,268,803	07/31/2001	Gunderson, Richard , et al.	08/06/1998

EXAMINER DATE CONSIDERED

PTO/SB/084(10-01)
Approved for use through 10/31/2002, OAR9 651-0031
US Paters & Trademark Office: U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OAM9 control number.

Substitute for form 1449APTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/622,839	
(Use as many sheets as necessary)	Filing Date	July 18, 2003	
	First Named Inventor	Gunderson, Richard	
	Group Art Unit	2632	
	Examiner Name	Nguyen, Tai	
Sheet 3 of 3	Attorney Docket No: 7	737.004US2	

	US-6,339,369	01/15/2002	Paranjpe, A. P.	09/23/1998
	US-6,421,081	07/16/2002	Markus, B.	01/07/1999
	US-6.894.608	05/17/2005	Gunderson, R. A.	07/21/2000
-	US-RE, 34,773	11/01/1994	Dombrowski, Anthony E.	07/16/1990
	US-R,e31,509	01/24/1984	Neidell, N. S.	09/02/1980

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T²
	DE-19702688	07/30/1998	Osterfeld, M., et al.	
	EP-009959	10/15/1997	Schubler, Hans-Hubert	
	EP-909959A2	04/21/1999	Schuebler, H., et al.	
	WO-95/01890	01/19/1995	Fischer, Alfred L.	
	WO-99/42856	08/26/1999	Bell, David A., et al.	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"Blind-Sight Collision Avoidance System", Blind-Sight Product	
		Brochure,(1997),	
		"ControLaser 40 - Driver's Manual for the CL-400 Reverse Parking Aid", TICI	
		Software Systems Ltd. and Silcon Heights Ltd., Rechovot, Israel,(June 1997),1-9	
		"ECCO SCAN Product Literature", (1996),	
		"Sonar Safety Systems Product Information", (1996),	
		BENITES, E., "A Demonstration of Multisensor Tracking", Naval Weapons	
		Center, China Lake, CA,307-311	
		BLACKMAN, SAMUEL S., "Multiple -Target Tracking with Radar Applications",	
		Artech House, Inc., Norwood, MA,(1986),pp. 98-107, 368-381	

EXAMINER DATE CONSIDERED